

- at distinct locations of the layer and to generate corresponding signal(s) representing the location for each of the touches.
2. A touch panel according to claim 1, wherein further comprises a multi-touch screen controller for recognizing coordinates of the plural touching positions.
 3. A touch panel according to claim 1, wherein further comprises a display as an output interface.
 4. A touch panel according to claim 1, wherein further comprises the sensor(s) configured to detect a singular touching position at distinct location of the flexible touch panel.
 5. A touch panel according to claim 1, wherein the sensor comprises a flexible property.
 6. A touch panel according to claim 1, wherein the layer comprises:
 - a plurality of flexible and isolated sensors and flexible conductive leads; each of said sensors is placed at different place within the flexible touch panel, and has its own lead coupling to monitor.
 7. A touch panel according to claim 1, wherein the layer comprises:
 - a plurality of flexible and isolated conductive lines; and further comprises a second flexible layer spatially separated from the first layer and a plurality of flexible isolated conductive lines that are formed transverse to the conductive lines of first layer; the intersection of transverse lines are set at different places within the touch panel as the sensors and each of the conductive lines is coupled to monitoring controller.
 8. A method for flexible touch panel comprises:
 - a) Driving one or more sensors; and
 - b) Detecting a plurality of simultaneous touching positions at distinct locations of a touch panel, wherein the touch panel has a flexible property.
 9. A method according to claim 8, wherein further comprises the recognition of the plural touching area.
 10. A method according to claim 8, wherein further comprises the recognition of the touching travel speed or the touching travel acceleration/deceleration.
 11. A method according to claim 8, wherein further comprises the recognition of the touching travel direction or the change of touching travel direction.
 12. A method according to claim 8, wherein further comprises the detection of a singular touching position at distinct location of the flexible touch panel.
 13. A flexible multi-touch screen device comprises:
 - a) A display as user interface; and
 - b) A multi-touch panel with flexible property to combine with the display configured to have capability of detecting a plurality of simultaneous touching positions at distinct locations of the multi-touch panel.
 14. A flexible multi-touch screen device according to claim 13, wherein the touch panel may be positioned in front of, in the rear of, adjacent to or within of the display.
 15. A flexible multi-touch screen device according to claim 13, wherein further comprises a communication module for communication.
 16. A flexible multi-touch screen device according to claim 13, wherein the display comprises a flexible property.
 17. A flexible multi-touch screen device according to claim 13, wherein further comprises a display controller for controlling the display.
 18. A flexible multi-touch screen device according to claim 13, wherein the display comprises a 3D display functionality.
 19. A flexible multi-touch screen device according to claim 13, wherein further comprises a processor for calculation.
 20. A flexible multi-touch screen device according to claim 13, wherein further comprises a memory for data storage.
 21. A flexible multi-touch screen device according to claim 13, wherein further comprises a storage media for data storage.
 22. A flexible multi-touch screen device according to claim 13, wherein further comprises a substrate with a flexible property.
 23. A flexible multi-touch screen device according to claim 13, wherein further comprises a positioning module for detecting position of the device.

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